

IN THE CLAIMS:

Please AMEND claims 6-20, as follows:

1. (Original) An image forming apparatus comprising:  
an image formation unit for forming and bearing a toner image on a recording material;  
a fixing apparatus including a heat-fixing rotation member and a pressure rotation member with an elastic layer which rotate while pressed against each other, the heat-fixing rotation member providing heat for heat-fixing treatment of the toner image formed on the recording material as the recording material is introduced into a press-fit nip portion of the heat-fixing and pressure rotation members and held and transported between the heat-fixing and pressure rotation members; and  
temperature adjusting means for adjusting a temperature of the pressure rotation member by heating the pressure rotation member,  
wherein a condition of a temperature adjustment made by the temperature adjusting means can be changed at least during non-printing time.
2. (Original) An image forming apparatus according to Claim 1,  
wherein the temperature adjusting means can operate in plural temperature control modes that can be chosen in accordance with a temperature control mode executed by the temperature adjusting means in at least non-printing time, and

wherein the temperature adjusting means operates in a temperature control mode selected from the plural temperature control modes.

3. (Original) An image forming apparatus according to Claim 1, wherein the temperature adjusting means comprises:

a switching device that opens or cuts a current flow from a commercial power source to heating means;

temperature detecting means for detecting the temperature of the pressure rotation member; and

control means for controlling the switching device in accordance with detection information provided by the temperature detecting means.

4. (Original) An image forming apparatus according to Claim 1, further comprising second temperature adjusting means, which heats the heat-fixing rotation member to adjust a temperature of the heat-fixing rotation member.

5. (Original) An image forming apparatus according to Claim 4, wherein the second temperature adjusting means includes:

heating means for heating the heat-fixing rotation member;

adjustment means for opening or cutting a current flow from a commercial power source to the heating means;

temperature detecting means for detecting the temperature of the heat-fixing rotation member; and

control means for controlling the adjustment means in accordance with detection information provided by the temperature detecting means.

6. (Currently Amended) An image forming apparatus according to Claim 1, wherein the non-printing time is a time period when the image forming apparatus is in a standby state ~~temperature control mode during a standby temperature adjustment can be selected~~ arbitrarily.

7. (Currently Amended) An image forming apparatus according to Claim 1, wherein the non-printing time is a time period when the image forming apparatus is in a power-saving state ~~temperature control mode during a power-saving temperature adjustment can be selected~~ arbitrarily.

8. (Currently Amended) An image forming apparatus according to Claim 1, wherein the non-printing time is a time period when the image forming apparatus is in a sleep mode ~~temperature control mode for when the image forming apparatus is in a sleep mode can be selected~~ arbitrarily.

9. (Currently Amended) An image forming apparatus according to Claim 1, wherein ~~whether the~~ condition of the temperature adjustment made ~~heating means is electrified or not during non-printing time can be chosen~~ by the temperature adjusting means comprises whether the heating means is electrified or not during the non-printing time.

10. (Currently Amended) An image forming apparatus according to Claim 1, wherein the condition of the temperature adjustment made by the temperature adjusting means comprises an adjustment temperature in non-printing time ~~can be selected arbitrarily by the temperature adjusting means.~~

11. (Currently Amended) An image forming apparatus according to Claim 10, wherein the adjustment temperature is changed by varying intervals at which the heating means is electrified ~~intervals at which the heating means is electrified during the non-printing time can be selected arbitrarily by the temperature adjusting means.~~

12. (Currently Amended) An image forming apparatus according to Claim 1, wherein the adjustment temperature is changed by varying a unit electrification time of the heating means ~~a unit electrification time of the heating means during the non-printing time can be selected arbitrarily by the temperature adjusting means.~~

13. (Currently Amended) An image forming apparatus according to Claim 2 ~~†~~,

wherein the temperature control modes include a control mode in which the pressure rotor of the fixing apparatus is driven intermittently during non-printing time, and wherein intervals at which the pressure rotor is driven can be selected arbitrarily.

14. (Currently Amended) An image forming apparatus according to Claim 2 ~~†~~,

wherein the temperature control modes include a control mode in which the pressure rotation member of the fixing apparatus is driven intermittently during non-printing time, and

wherein the intermittent drive ~~period~~ periods are different for each control mode ~~can be chosen arbitrarily.~~

15. (Currently Amended) An image forming apparatus according to Claim 2 ~~†~~, further comprising pressuring force switching means for switching a pressuring force at which the pressure rotor of the fixing apparatus is pressed against the heat-fixing rotation member,

wherein the temperature control modes include a control mode in which the pressuring forces are different for each control mode ~~pressuring force of when the image forming apparatus is not printing can be chosen arbitrarily.~~

16. (Currently Amended) An image forming apparatus according to Claim 1, wherein switching of the temperature adjustment conditions is effected by at least one of an interface command from a printer controller, referring to identification means of a printer controller, an operation panel, changing a setting of printer driver software and switching device on an electric circuit,~~the temperature control modes, the pressure rotation member drive control mode, or the pressuring force is effected by an interface command from a printer controller.~~

17. (Currently Amended) An image forming apparatus according to Claim 2 ~~1~~, wherein switching of ~~the temperature adjustment conditions,~~ the temperature control modes is effected by at least one of an interface command from a printer controller, referring to identification means of a printer controller, an operation panel, changing a setting of printer driver software and switching device on an electric circuit,~~the pressure rotation member drive control mode, or the pressuring force is effected by referring to identification means of a printer controller.~~

18. (Currently Amended) An image forming apparatus according to Claim 13 ~~1~~, wherein switching of ~~the temperature adjustment conditions, the temperature control modes,~~ the pressure rotation member drive control mode is effected by at least one of an interface command from a printer controller, referring to identification means of a printer controller, an operation panel, changing a setting of printer driver software and switching device on an electric circuit,~~or the pressuring force is effected by an operation panel.~~

19. (Currently Amended) An image forming apparatus according to Claim 14 †, wherein switching of ~~the temperature adjustment conditions, the temperature control modes,~~ the pressure rotation member drive control mode is effected by at least one of an interface command from a printer controller, referring to identification means of a printer controller, an operation panel, changing a setting of printer driver software and switching device on an electric circuit, ~~or the pressuring force is effected by changing a setting of printer driver software.~~

20. (Currently Amended) An image forming apparatus according to Claim 15 †, wherein switching of ~~the temperature adjustment conditions, the temperature control modes, the pressure rotation member drive control mode,~~ or the pressurizing force is effected by at least one of an interface command from a printer controller, referring to identification means of a printer controller, an operation panel, changing a setting of printer driver software and switching device on an electric circuit ~~switching means on an electric circuit.~~